FILE 'HOME' ENTERED AT 17:47:25 ON 16 SEP 2005

=> Index bioscience agriculture dissabs
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                          ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
      AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
      BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
      CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 17:48:09 ON 16 SEP 2005

78 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s ((starch (A) encapsulat?) or (starch (A) bind?) (P) (((signal (w) peptide#) (a)
translocat?) or transit (A) peptide#) and (chimer? or recombinant or fus?)
UNMATCHED LEFT PARENTHESIS '((STARCH'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s ((starch (A) encapsulat?) or (starch (A) bind?)) (P) (((signal (w) peptide#) (A)
translocat?) or transit (A) peptide#) and (chimer? or recombinant or fus?)
                0*   FILE ADISNEWS
                2   FILE AGRICOLA
                0*   FILE ANTE
                0*   FILE AQUALINE
                0*   FILE BIOCOMMERCE
                1*   FILE BIOENG
                2   FILE BIOSIS
                1*   FILE BIOTECHABS
                1*   FILE BIOTECHDS
   14 FILES SEARCHED...
                2*   FILE BIOTECHNO
                1   FILE CABA
                4   FILE CAPLUS
                0*   FILE CEABA-VTB
                0*   FILE CIN
   25 FILES SEARCHED...
   27 FILES SEARCHED...
                1   FILE EMBASE
                1*   FILE ESBIOBASE
                0*   FILE FEDRIP
                0*   FILE FOMAD
                0*   FILE FOREGE
                0*   FILE FROSTI
   38 FILES SEARCHED...
                1*   FILE FSTA
                9   FILE GENBANK
                0*   FILE KOSMET
                1   FILE LIFESCI
                2   FILE MEDLINE
                0*   FILE NTIS
                0*   FILE NUTRACEUT
                0*   FILE PASCAL
   54 FILES SEARCHED...
                0*   FILE PHARMAML
                2   FILE SCISEARCH
                1   FILE TOXCENTER
                3   FILE USPATFULL
   68 FILES SEARCHED...
                0*   FILE WATER
   72 FILES SEARCHED...
                0*   FILE CBNB
   75 FILES SEARCHED...
                0*   FILE ENVIROENG

17 FILES HAVE ONE OR MORE ANSWERS,   78 FILES SEARCHED IN STNINDEX

L1   QUE ((STARCH (A) ENCAPSULAT?) OR (STARCH (A) BIND?)) (P) (((SIGNAL (W) PEP
       TIDE#) (A) TRANSLOCAT?) OR TRANSIT (A) PEPTIDE#) AND (CHIMER? OR RECOM
       BINANT OR FUS?)

=> D rank
F1   9   GENBANK
F2   4   CAPLUS
F3   3   USPATFULL
F4   2   AGRICOLA
F5   2   BIOSIS
F6   2   MEDLINE
F7   2   SCISEARCH
F8   2*   BIOTECHNO
F9   1   CABA
F10   1   EMBASE
F11   1   LIFESCI
F12   1   TOXCENTER
F13   1*   BIOENG
F14   1*   BIOTECHABS
F15   1*   BIOTECHDS
F16   1*   ESBIOBASE
F17   1*   FSTA

=> FIL F1-7 F9-12
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   8.85   9.06

FILE 'GENBANK' ENTERED AT 17:57:13 ON 16 SEP 2005

FILE 'CAPLUS' ENTERED AT 17:57:13 ON 16 SEP 2005
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=> s l1
L2   9 FILE GENBANK
L3   4 FILE CAPLUS
L4   3 FILE USPATFULL

```
L5          2 FILE AGRICOLA
L6          2 FILE BIOSIS
L7          2 FILE MEDLINE
L8          2 FILE SCISEARCH
L9          1 FILE CABA
L10         1 FILE EMBASE
L11         1 FILE LIFESCI
L12         1 FILE TOXCENTER

TOTAL FOR ALL FILES
L13         28 L1

=> Dup rem l13
DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L13
L14            16 DUP REM L13 (12 DUPLICATES REMOVED)

=> d l14 1-16 ibib abs
NO VALID FORMATS ENTERED FOR FILE 'GENBANK'
In a multifile environment, each file must have at least one valid
format requested.  Refer to file specific help messages or the
STNGUIDE file for information on formats available in individual
files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):SO AB TI  AU LA PI

L14   ANSWER 1 OF 16   CAPLUS   COPYRIGHT 2005 ACS on STN
SO    Eur. Pat. Appl., 29 pp.
      CODEN: EPXXDW
AB    A method of changing the size and shape of starch granules to improve
      their suitability for industrial uses is described.  The method involves
      incorporating a synthetic starch-binding protein that contains a pair of
      starch-binding domains into the starch granule.  A chimeric gene
      for a fusion protein containing two starch-binding domains of the
      cyclodextrin glycosyltransferase of Bacillus circulans connected by the
      proline-, threonine-rich peptide of the exoglucanase of Cellulomonas fimi
      was placed under control of the potato gene for granule-bound starch
      synthase and introduced into potato by Agrobacterium-mediated
      transformation.  Starch granules from transgenic tubers contained
      .apprx.20% amylose and tended to form large clusters of granules that were
      smaller than those found in control potato tubers.  Rheol. properties of
      the starch (gelling temperature and enthalpy) were changed with respect to
      controls with the magnitude and direction of the change depending upon the
      content of the starch-binding protein.
TI    Fusion proteins containing starch-binding domains and their use
      in modifying the size and morphology of starch granules for industrial use
IN    De Vetten, Nicolaas Clemens Maria Henricus; Heeres, Paul
LA    English
      PATENT NO.           KIND    DATE       APPLICATION NO.         DATE
      ---------------      ----    --------    --------------------   --------
PI    EP 1473307           A1      20041103    EP 2003-76300          20030502
         R:   AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
              IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
      WO 2004096861        A1      20041111    WO 2004-NL290          20040503
         W:   AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
              CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
              GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
              LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
              NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
              TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW:  BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
              AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
              EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
              SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
              SN, TD, TG

L14   ANSWER 2 OF 16   USPATFULL on STN
AB       Hybrid polypeptides are provided formed with encapsulating regions from
         genes that encode for anabolic proteins. More particularly, the present
```

invention relates to **recombinant** nucleic acid molecules that
code for genes which encapsulate an attached protein within a matrix;
preferably, these genes encapsulate a desired ("payload") polypeptide
within starch, and more specifically within the starch granule matrix.
Expression vectors comprising these **recombinant** nucleic acid
molecules, and hosts therefor, and more specifically the starch-bearing
portions of such hosts, transformed with such vectors, are also
provided. Preferably, grain containing a foreign protein encapsulated
within the starch is provided, useful to produce mammalian, fish and
avian food. The invention also encompasses methods of producing purified
protein from starch and particularly from starch granules, and
industrial uses of such protein.

TI   Starch encapsulation
IN   Keeling, Peter, Ames, IA, UNITED STATES
      Guan, Hanping, Ames, IA, UNITED STATES
LA   English
PI   US 2004185114   A1   20040923

L14   ANSWER 3 OF 16   USPATFULL on STN
AB   The invention provides polynucleotides, preferably synthetic
      polynucleotides, which encode processing enzymes that are optimized for
      expression in plants. The polynucleotides encode mesophilic,
      thermophilic, or hyperthermophilic processing enzymes, which are
      activated under suitable activating conditions to act upon the desired
      substrate. Also provided are "self-processing" transgenic plants, and
      plant parts, e.g., grain, which express one or more of these enzymes and
      have an altered composition that facilitates plant and grain processing.
      Methods for making and using these plants, e.g., to produce food
      products having improved taste and to produce fermentable substrates for
      the production of ethanol and fermented beverages are also provided.
TI   Self-processing plants and plant parts
IN   Lanahan, Michael B., Research Triangle Park, NC, UNITED STATES
      Basu, Shib Sankar, Apex, NC, UNITED STATES
      Batie, Christopher J., Durham, NC, UNITED STATES
      Chen, Wen, Cary, NC, UNITED STATES
      Craig, Joyce, Pittsboro, NC, UNITED STATES
      Kinkema, Mark, Durham, NC, UNITED STATES
LA   English
PI   US 2003135885   A1   20030717

L14   ANSWER 4 OF 16   CAPLUS   COPYRIGHT 2005 ACS on STN DUPLICATE 1
SO   Plant Molecular Biology (2003), 51(5), 789-801
      CODEN: PMBIDB; ISSN: 0167-4412
AB   Modification of starch biosynthesis pathways holds an enormous potential
      for tailoring granules or polymers with new functionalities. In this
      study, we explored the possibility of engineering artificial granule-bound
      proteins, which can be incorporated in the granule during biosynthesis.
      The **starch-binding** domain (SBD)-encoding region of
      cyclodextrin glycosyltransferase from Bacillus circulans was **fused**
      to the sequence encoding the **transit peptide**
      (amyloplast entry) of potato granule-bound starch synthase I (GBSS I).
      The synthetic gene was expressed in the tubers of two potato cultivars
      (cv. Kardal and cv. Karnico) and one amylose-free (amf) potato mutant.
      SBDs accumulated inside starch granules, not at the granule surface.
      Amylose-free granules contained 8 times more SBD (estimated at ca. 1.6% of dry
      weight) than the amylose-containing ones. No consistent differences in
      physicochem. properties between transgenic SBD starches and their
      corresponding controls were found, suggesting that SBD can be used as an
      anchor for effector proteins without having side-effects. To test this, a
      construct harboring the GBSS I **transit peptide**, the
      luciferase reporter gene, a PT-linker, and the SBD (in frame), and a
      similar construct without the linker and the SBD, were introduced in cv.
      Kardal. The **fusion** protein accumulated in starch granules (with
      retainment of luciferase activity), whereas the luciferase alone did not.
      Our results demonstrate that SBD technol. can be developed into a true
      platform technol., in which SBDs can be **fused** to a large choice
      of effector proteins to generate potato starches with new or improved
      functionalities.
TI   Microbial starch-binding domains as a tool for targeting proteins to

```
        granules during starch biosynthesis
AU   Ji, Qin; Vincken, Jean-Paul; Suurs, Luc C. J. M.; Visser, Richard G. F.
LA   English
```

L14 ANSWER 5 OF 16 USPATFULL on STN

AB   Hybrid polypeptides are provided formed with encapsulating regions from
      genes that encode for anabolic proteins. More particularly, the present
      invention relates to **recombinant** nucleic acid molecules that
      code for genes which encapsulate an attached protein within a matrix;
      preferably, these genes encapsulate a desired ("payload") polypeptide
      within starch, and more specifically within the starch granule matrix.
      Expression vectors comprising these **recombinant** nucleic acid
      molecules, and hosts therefor, and more specifically the starch-bearing
      portions of such hosts, transformed with such vectors, are also
      provided. Preferably, grain containing a foreign protein encapsulated
      within the starch is provided, useful to produce mammalian, fish and
      avian food. The invention also encompasses methods of producing purified
      protein from starch and particularly from starch granules, and
      industrial uses of such protein.

```
TI   Starch encapsulation
IN   Keeling, Peter, Ames, IA, United States
     Guan, Hanping, Ames, IA, United States
LA   English
PI   US 6107060                   20000822
```

L14 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
```
SO   PCT Int. Appl., 156 pp.
     CODEN: PIXXD2
```

AB   Hybrid polypeptides are provided formed with encapsulating regions from
     genes that encode for anabolic proteins. More particularly, the present
     invention relates to **recombinant** nucleic acid mols. that code
     for genes which encapsulate an attached protein within a matrix;
     preferably, these genes encapsulate a desired ("payload") polypeptide
     within starch, and more specifically within the starch granule matrix.
     Proteins containing such **starch-encapsulating** regions
     include soluble starch synthases I or II or III, granule-bound starch
     synthase, branching enzymes I or IIa or IIb, and glucoamylase, and their
     nucleic acid sequences are known to the literature. Expression vectors
     comprising these **recombinant** nucleic acid mols., and hosts
     therefor, and more specifically the starch-bearing portions of such hosts,
     transformed with such vectors, are also provided. For example, a plant
     expression vector is constructed containing the maize 10-kDa zein promoter, a
     maize **transit peptide, a starch-**
     encapsulating region from the soluble starch synthase I gene, and an
     attached gene fragment, for expression in rice. Preferably, grain containing
     a foreign protein encapsulated within the starch is provided, useful to
     produce mammalian, fish and avian food. The invention also encompasses
     methods of producing purified protein from starch and particularly from
     starch granules, and industrial uses of such protein.

```
TI   Encapsulation of polypeptides within the starch matrix of
     **recombinant** plants using the starch-encapsulating domain in hybrid
     proteins
IN   Keeling, Peter; Guan, Hanping
LA   English
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9814601	A1	19980409	WO 1997-US17555	19970930

```
PI   WO 9814601             A1    19980409    WO 1997-US17555      19970930
        W:   AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ,
             VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW:  GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
             GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
             GN, ML, MR, NE, SN, TD, TG
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2265514	AA	19980409	CA 1997-2265514	19970930
AU 9748030	A1	19980424	AU 1997-48030	19970930
AU 730427	B2	20010308		
EP 935665	A1	19990818	EP 1997-910730	19970930

L14 ANSWER 7 OF 16   CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
SO   Molecular and General Genetics (1991), 228(1-2), 240-8
     CODEN: MGGEAE; ISSN: 0026-8925
AB   The genomic sequence of the potato gene for starch granule-bound starch
     synthase (GBSS; waxy protein) has been determined for the wild-type allele of a
     monoploid genotype from which an amylose-free (amf) mutant was derived,
     and for the mutant part of the amf allele. Comparison of the wild-type
     sequence with a cDNA sequence from the literature and a newly isolated
     cDNA revealed the presence of 13 introns, the first of which is located in
     the untranslated leader. The promoter contains a G-box-like sequence.
     The deduced amino acid sequence of the precursor of GBSS shows a high
     degree of identity with monocot waxy protein sequences in the region
     corresponding to the mature form of the enzyme. The **transit
     peptide** of 77 amino acids, required for routing of the precursor
     to the plastids, shows much less identity with the **transit
     peptides** of the other waxy preproteins, but resembles the
     hydropathic distributions of these peptides. Alignment of the amino acid
     sequences of the 4 mature starch synthases with the Escherichia coli glgA
     gene product revealed the presence of at least 3 conserved boxes; there is
     no homol. with previously proposed **starch-binding**
     domains of other enzymes involved in starch metabolism **Chimeric**
     constructs were used with wild-type and amf sequences to localize, via
     complementation expts., the region of the amf allele in which the mutation
     resides. Direct sequencing of polymerase chain reaction products
     confirmed that the amf mutation is a deletion of a single AT basepair in
     the region coding for the **transit peptide**. Premature
     termination of translation as a result of this frameshift mutation results
     in a small peptide. However, a protein reacting with anti-GBSS serum,
     slightly larger that the wild-type mature GBSS, can be detected in a
     membrane fraction from amylose-free tubers. A possible explanation for
     this phenomenon is discussed.
TI   Sequence of the structural gene for granule-bound starch synthase of
     potato (Solanum tuberosum L.) and evidence for a single point deletion in
     the amf allele
AU   Van der Leij, Feike R.; Visser, Richard G. F.; Ponstein, Anne S.;
     Jacobsen, Evert; Feenstra, Will J.
LA   English

L14 ANSWER 8 OF 16   GENBANK® COPYRIGHT 2005 on STN

     JOURNAL (SO):   Unpublished
     JOURNAL (SO):   Submitted (01-SEP-2005) US DOE Joint Genome Institute,
                         2800 Mitchell Drive B100, Walnut Creek, CA 94598-1698,
                         USA
     TITLE (TI):   Complete sequence of Nitrobacter winogradskyi Nb-255
     TITLE (TI):   Direct Submission
     AUTHOR (AU):   Copeland,A.; Lucas,S.; Lapidus,A.; Barry,K.;
                         Detter,J.C.; Glavina,T.; Hammon,N.; Israni,S.;
                         Pitluck,S.; Chain,P.; Malfatti,S.; Shin,M.; Vergez,L.;
                         Schmutz,J.; Larimer,F.; Land,M.; Hauser,L.;
                         Kyripides,N.; Lykidis,A.; Richardson,P.
     AUTHOR (AU):   Copeland,A.; Lucas,S.; Lapidus,A.; Barry,K.;
                         Detter,J.C.; Glavina,T.; Hammon,N.; Israni,S.;
                         Pitluck,S.; Chain,P.; Malfatti,S.; Shin,M.; Vergez,L.;
                         Schmutz,J.; Larimer,F.; Land,M.; Hauser,L.;
                         Kyripides,N.; Lykidis,A.; Richardson,P.

L14 ANSWER 9 OF 16   GENBANK® COPYRIGHT 2005 on STN

JOURNAL (SO):	Unpublished
JOURNAL (SO):	Submitted (27-JUL-2005) US DOE Joint Genome Institute, 2800 Mitchell Drive, Walnut Creek, CA 94598-1698, USA
TITLE (TI):	Complete sequence of Thiobacillus denitrificans ATCC 25259
TITLE (TI):	Direct Submission
AUTHOR (AU):	Copeland,A.; Lucas,S.; Lapidus,A.; Barry,K.; Detter,J.C.; Glavina,T.; Hammon,N.; Israni,S.; Pitluck,S.; Chain,P.; Malfatti,S.; Shin,M.; Vergez,L.; Schmutz,J.; Larimer,F.; Land,M.; Kyripides,N.; Lykidis,A.; Richardson,P.
AUTHOR (AU):	Copeland,A.; Lucas,S.; Lapidus,A.; Barry,K.; Detter,J.C.; Glavina,T.; Hammon,N.; Israni,S.; Pitluck,S.; Chain,P.; Malfatti,S.; Shin,M.; Vergez,L.; Schmutz,J.; Larimer,F.; Land,M.; Kyripides,N.; Lykidis,A.; Richardson,P.

JOURNAL (SO):	Unpublished
JOURNAL (SO):	Submitted (04-AUG-2005) US DOE Joint Genome Institute, 2800 Mitchell Drive B100, Walnut Creek, CA 94598-1698, USA
TITLE (TI):	Complete sequence of Dechloromonas aromatica RCB
TITLE (TI):	Direct Submission
AUTHOR (AU):	Copeland,A.; Lucas,S.; Lapidus,A.; Barry,K.; Detter,J.C.; Glavina,T.; Hammon,N.; Israni,S.; Pitluck,S.; Di Bartolo,G.; Trong,S.; Kellar,K.; Schmutz,J.; Larimer,F.; Land,M.; Richardson,P.
AUTHOR (AU):	Copeland,A.; Lucas,S.; Lapidus,A.; Barry,K.; Detter,J.C.; Glavina,T.; Hammon,N.; Israni,S.; Pitluck,S.; Di Bartolo,G.; Trong,S.; Kellar,K.; Schmutz,J.; Larimer,F.; Land,M.; Richardson,P.

JOURNAL (SO):	J. Bacteriol., 187 (13), 4627-4636 (2005)
JOURNAL (SO):	Submitted (22-MAR-2005) Pediatrics, Columbus Children's Research Institute, and The Ohio State University, 700 Children's Drive, Columbus, OH 43205, USA
TITLE (TI):	Genomic sequence of an otitis media isolate of nontypeable Haemophilus influenzae: comparative study with H. influenzae serotype d, strain KW20
TITLE (TI):	Direct Submission
AUTHOR (AU):	Harrison,A.; Dyer,D.W.; Gillaspy,A.; Ray,W.C.; Mungur,R.; Carson,M.B.; Zhong,H.; Gipson,J.; Gipson,M.; Johnson,L.S.; Lewis,L.; Bakaletz,L.O.; Munson,R.S. Jr.
AUTHOR (AU):	Munson,R.S. Jr.; Harrison,A.; Dyer,D.W.; Gillaspy,A.; Ray,W.C.; Mungur,R.; Carson,M.B.; Zhong,H.; Gipson,J.; Gipson,M.; Johnson,L.S.; Lewis,L.; Bakaletz,L.O.

JOURNAL (SO):	Science, 307 (5714), 1463-1465 (2005)
JOURNAL (SO):	Submitted (29-JUL-2004) Cerdeno-Tarraga A.M., submitted on behalf of the Pathogen Sequencing Unit, Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA E-mail: amct@sanger.ac.uk
TITLE (TI):	Extensive DNA inversions in the B. fragilis genome control variable gene expression
TITLE (TI):	Direct Submission
AUTHOR (AU):	Cerdeno-Tarraga,A.M.; Patrick,S.; Crossman,L.C.; Blakely,G.; Abratt,V.; Lennard,N.; Poxton,I.; Duerden,B.; Harris,B.; Quail,M.A.; Barron,A.; Clark,L.; Corton,C.; Doggett,J.; Holden,M.T.; Larke,N.; Line,A.; Lord,A.; Norbertczak,H.; Ormond,D.; Price,C.; Rabbinowitsch,E.; Woodward,J.; Barrell,B.; Parkhill,J.
AUTHOR (AU):	Cerdeno-Tarraga,A.M.

JOURNAL (SO):	J. Mol. Microbiol. Biotechnol., 7 (4), 204-211 (2004)
JOURNAL (SO):	Submitted (30-APR-2004) Institute of Microbiology and Genetics, Georg August University Goettingen, Goettingen Genomics Laboratory, Grisebachstr. 8, Goettingen D-37077, Germany
TITLE (TI):	The Complete Genome Sequence of Bacillus licheniformis DSM13, an Organism with Great Industrial Potential
TITLE (TI):	Direct Submission
AUTHOR (AU):	Veith,B.; Herzberg,C.; Steckel,S.; Feesche,J.; Maurer,K.H.; Ehrenreich,P.; Baeumer,S.; Henne,A.; Liesegang,H.; Merkl,R.; Ehrenreich,A.; Gottschalk,G.
AUTHOR (AU):	Veith,B.; Herzberg,C.; Steckel,S.; Feesche,J.; Maurer,K.H.; Ehrenreich,P.; Baeumer,S.; Henne,A.; Liesegang,H.; Merkl,R.; Ehrenreich,A.; Gottschalk,G.

JOURNAL (SO):	Proc. Natl. Acad. Sci. U.S.A., 101 (39), 14240-14245 (2004)
JOURNAL (SO):	Submitted (01-SEP-2004) Submitted on behalf of the Pathogen Sequencing Unit, Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: mh3@sanger.ac.uk
TITLE (TI):	Genomic plasticity of the causative agent of melioidosis, Burkholderia pseudomallei
TITLE (TI):	Direct Submission
AUTHOR (AU):	Holden,M.T.; Titball,R.W.; Peacock,S.J.; Cerdeno-Tarraga,A.M.; Atkins,T.; Crossman,L.C.; Pitt,T.; Churcher,C.; Mungall,K.; Bentley,S.D.; Sebaihia,M.; Thomson,N.R.; Bason,N.; Beacham,I.R.; Brooks,K.; Brown,K.A.; Brown,N.F.; Challis,G.L.; Cherevach,I.; Chillingworth,T.; Cronin,A.; Crossett,B.; Davis,P.; DeShazer,D.; Feltwell,T.; Fraser,A.; Hance,Z.; Hauser,H.; Holroyd,S.; Jagels,K.; Keith,K.E.; Maddison,M.; Moule,S.; Price,C.; Quail,M.A.; Rabbinowitsch,E.; Rutherford,K.; Sanders,M.; Simmonds,M.; Songsivilai,S.; Stevens,K.; Tumapa,S.; Vesaratchavest,M.; Whitehead,S.; Yeats,C.; Barrell,B.G.; Oyston,P.C.; Parkhill,J.
AUTHOR (AU):	Holden,M.T.G.

JOURNAL (SO):	Genome Biol., 5 (10), R77 (2004)
JOURNAL (SO):	Submitted (14-JUL-2004) Novozymes Biotech Inc, 1445 Drew Ave, Davis, CA 95616, USA
JOURNAL (SO):	Submitted (29-SEP-2004) Novozymes Biotech Inc, 1445 Drew Ave, Davis, CA 95616, USA
TITLE (TI):	Complete genome sequence of the industrial bacterium Bacillus licheniformis and comparisons with closely related Bacillus species
TITLE (TI):	Direct Submission
TITLE (TI):	Direct Submission
AUTHOR (AU):	Rey,M.W.; Ramaiya,P.; Nelson,B.A.; Brody-Karpin,S.D.; Zaretsky,E.J.; Tang,M.; de Leon,A.L.; Xiang,H.; Gusti,V.; Clausen,I.G.; Olsen,P.B.; Rasmussen,M.D.; Andersen,J.T.; Jorgensen,P.L.; Larsen,T.S.; Sorokin,A.; Bolotin,A.; Lapidus,A.; Galleron,N.; Ehrlich,S.D.; Berka,R.M.
AUTHOR (AU):	Berka,R.M.; Rey,M.W.; Ramaiya,P.
AUTHOR (AU):	Berka,R.M.; Rey,M.W.; Ramaiya,P.

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JOURNAL (SO):	Submitted (15-JAN-2003) Submitted by Matthias Horn,

Department of Microbial Ecology, University of Vienna, Althanstr. 14, A-1090 Wien, Austria, Email: horn@microbial-ecology.net Complete annotation available at: http://mips.gsf.de/services/genomes/uwe25

TITLE (TI):   Illuminating the evolutionary history of chlamydiae
TITLE (TI):   Direct Submission
AUTHOR (AU):   Horn,M.; Collingro,A.; Schmitz-Esser,S.; Beier,C.L.;
                   Purkhold,U.; Fartmann,B.; Brandt,P.; Nyakatura,G.J.;
                   Droege,M.; Frishman,D.; Rattei,T.; Mewes,H.W.;
                   Wagner,M.
AUTHOR (AU):   Horn,M.; Collingro,A.; Schmitz-Esser,S.; Beier,C.L.;
                   Purkhold,U.; Fartmann,B.; Brandt,P.; Nyakatura,G.J.;
                   Droege,M.; Frishman,D.; Rattei,T.; Mewes,H.; Wagner,M.

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